Application No. Applicant(s) Index of Claims 10/657,102 ARAKAWA ET AL. Art Unit Examiner Richard M. Camby 3661 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α Allowed Restricted Interference Objected

Cla	Claim Date]:::::	Cla	Date							CI	aim	Date													
	ᆈ	12								<u> </u>			Т	T				7		<u> </u>		П			П	П		
Final	Original	1 1			- 1				Final	Original							İ		Final	Original	i I	- [!		
i E	اجّ	7 1							ιĒ	, ji				- 1					iĒ	٦						1	ıl	
				Ш		1	<u> </u>		<u> </u>		Ц	_		Ш.	$oxed{oxed}$	\Box			<u></u> .		\sqcup	_	_		\perp	Ш	\sqcup	
	1	4				\perp	L		L	51		_	4		_	\Box				101	\sqcup	_	_	┸	\perp	\perp	\sqcup	
	2	$\downarrow \downarrow \downarrow$		$\perp \perp$	_ _		<u> </u>		<u> </u>	52	\Box	_	4.		_	_	\perp	4		102	\sqcup	_	_	_	丄	$\perp \!\!\! \perp \!\!\! \mid$	${\displaystyle igspace }$	_
	3	μ	_	\vdash	_	-	ļ			53	\dashv	-	4	┵	<u> </u>		-	4		103	$\vdash \vdash$	\dashv	+	\bot	╀-	₩	⊢⊢	_
-	4	Y	_	₩	+	—	╄		<u> </u>	54	\dashv	+	+		-	_	-	-		104	\vdash	\dashv		+	┼	┦	$\vdash \vdash$	
<u> </u>	5			┼┼		+	┼		<u> </u>	55		-	+	+	H	-+	-	-		105	\vdash	\dashv	+	+-	┼-	├	⊢⊢	
-	6 7	-	\dashv	╁	+	+	⊬	ł		56 57	\dashv	+	+		┼-	-		-	-	106 107	\vdash	+	+-	+-	+-	╁	$\vdash\vdash$	\dashv
-	8	-+		++		+-	╁		<u> </u>	58	\dashv	+	+	╁	Н	\vdash	+	-	 	108	-	-+		+	╁	╀	\vdash	\dashv
-	9			+ +	+	+	\vdash	ł	<u> </u>	59	\dashv	\dashv	+	+	H	H	+	-		109	\vdash	\dashv	+	+	╁╌	╁╌┤	\vdash	\dashv
-	10	++	-	1 1	+	+	╁	ł	 	60	\dashv	+	+	╁	╁	\dashv	_	┨Ш		110	\vdash	\dashv	+	+	╁	Н	\vdash	\dashv
-	11	- - 	+	+	+	+-	╁	ł		61	\dashv	+	+	+	\vdash	\vdash	+	┨		111	\vdash	+	+	+	+	\vdash	\vdash	_
 -	12	\vdash	\dashv	++	+	+	\vdash	1	\vdash	62	\vdash	+	+	+	\vdash	$\vdash \vdash$	+	۱		112	-	+	+	+	+	\vdash	\vdash	\dashv
	13	 	+	1 1	+	+	t	liiii	<u> </u>	63	\vdash	+	十	+	\vdash	\vdash	+	۱		113	\vdash	\dashv	+	+	+	\forall	H	-
	14		\top	+	\top	+	1		\vdash	64	\vdash	十	\top	\top	I^-		\dashv	1		114	1	\dashv	+	\top	T	Н	\sqcap	
	15		. 🕇	11	\top	1-	1	1		65	\dashv	\top	十	\top	T	Ħ	\top	1	_	115	\vdash	\dashv	\top	\top	T	\vdash	一十	-
	16			1 1	1	1	T	1		66		十	\top	\top	П	\Box	\neg	٦		116	\sqcap	十	_	\top	\top	Н	\sqcap	
	17			\Box		\top				67			T					7::::		117	П	T	\top	T	T	\vdash	П	
	18			\Box		1				68	$\neg \uparrow$	\neg	\top	1			1	7!!!!		118		寸		1	T	\sqcap	П	
	19		\neg	\Box		1				69	\Box	7		\top				7		119		丁	T	1	\top	П	\Box	
	20			П		T				70			\top	\top				7		120	П			T	Т		П	
	21									71								7		121	П		7	T	1	П	П	
	22									72				\top						122	П	Т		Т		П		
	23									73										123						П		
	24									74				\perp						124		T			\Box		\square	
	25				\perp					75				\perp				_ ::::		125					oxdot			
	26	\perp					<u> </u>			76				丄				_ ::::		126	\sqcup			\perp	\perp		Ш	
	27	\dashv		\sqcup	\perp	4	Ļ			77			\perp		<u> </u>			_		127	\sqcup	_			_		Ш	
<u> </u>	28	_		\sqcup		_	<u>L</u>			78		_	\perp					_ !!!!!		128					_	Ш	Ш	
	29	-1		\sqcup		.	_			79	\Box	4	4		Ш	\dashv		_		129	\sqcup			╀	丄		Ш	
<u> </u>	30			\vdash	_	+	┞			80		4	_	4	Ш	_		4	ļ	130	Ш	_		┸	╄	Ш	\sqcup	
<u> </u>	31			\vdash		_	-			81	-		+	+	\perp	_	-	4		131	┷	4	_	-	╄	ш	┷	
<u> </u>	32		-	\vdash		+-				82	\dashv		+	+-	-	-	-	4		132	┸	4	+	-	╄	\sqcup	$\vdash \vdash$	
<u> </u>	33 34		+	┼-┼-		╫	\vdash	liiii	<u> </u>	83	\dashv	+	+	+-	+	$\vdash \downarrow$	\dashv	-	<u> </u>	133	$\vdash \vdash$	+	+	+-	₩	\vdash		
\vdash	35		+	+	+	+	├-			84 85	\dashv	+	+	+	$\vdash \vdash$	-	-	-	<u> </u>	134	\vdash	+	+	+-	+	$\vdash \vdash$	\dashv	\dashv
-	36	 - 		+	+	+	⊢			86	-	+	+	+	\vdash	\vdash	+	-	<u> </u>	135	$\vdash \vdash$	+	+	+-	+	\vdash	\dashv	
\vdash	37	 		1 1	+-	+	╁─			87	\dashv	+	+	+	\vdash	$\vdash \downarrow$	-	-	├	136 137	┝╌┼	\dashv	+	+-	+	╁┤	\dashv	\dashv
\vdash	38	- 	\dashv	 	+	+	╁╌		-	88	-+	+	+	+	\vdash		+	-	<u> </u>	138	\vdash	+	+	╁	+	⊢┤	\dashv	\dashv
\vdash	39		+	╁─┼	+	+	╁		<u> </u>	89	\dashv	+	+	+	\vdash	+	+	-	 	139	\vdash	+	+	+-	+-	\vdash	\vdash	-
	40	1-1		++	+	+-	\vdash			90	\dashv	+	+	+-	\vdash	\dashv	+	-	 	140	$\vdash \vdash$	+	+	+	+-	$\vdash \vdash$	\dashv	\dashv
	41	- 	- -	╁┼	\dashv	+				91	+	+	+	+	Н	\dashv	+	-		141	\vdash	\dashv	+	+	+-	\vdash	\dashv	\dashv
	42	- 	+	╁╾┼	十	+-				92	-	+	+	+	H	\dashv	+	╣		142	\vdash	+	+	+-	+	╁┤	\dashv	ᅱ
	43		\top	† †		\top	1			93	十	十	\top	+-	Н	+	\dashv	1	<u> </u>	143	\dashv	\dashv	+	+	+	$\vdash \vdash$	\dashv	┪
	44	1		† †	\top	1	1			94	+	十	\top	\top	Н	+	_	1	<u> </u>	144	\vdash	十	十	+	+	\vdash	\dashv	\dashv
	45	1-1		\sqcap	\top		1			95	一	十	\top	\top	П	\dashv	- -	1	<u> </u>	145	\vdash	十	\dashv	+	+	Н	\dashv	\dashv
	46		-i	\sqcap	\top	1	T			96	\neg	十	\top	\top	П	1	\dashv	1		146	o	十	+	十	T	Н	\dashv	_
	47			\sqcap	\top	\top	Π			97	\dashv	\top	\top	\top	П	_	+	1		147	\dashv	\dashv	十	\top	T	H	\dashv	
	48			Ш						98		丁		\top	П		T	1		148	\vdash	\dashv	十	\top	T	П	一	\dashv
	49									99			\top	\top	П	\dashv	十	7::::		149		十	十	\top		П	一	\exists
	50									100	T	T	Т	\top		寸		7		150		7	$\neg \vdash$	1	T	П	\neg	\neg